BLUM, I.; CINDEA, V.

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1. Membru al Comitetului de redactie "Studii si corcetari de energetica" (for Blum).

BLUM, I.; NISTOR, I.

Production of coke briquette from the nonagglutinant or poorly agglutinant coals through thermochemical treatment. III. Technology. Studii cerc energet 11 no.2:345-354. *161.

1. Membru al Comitetului de redactie "Studii si cercetari de energetica" (for Blum).

BLUM, I.; NISTOR, I.; IONESCU, C.

Coke briquette from the nonagglutinant or low-agglutinant coals, obtained by thermochemical treatment. IV. Mechanical resistance of coke briquettes varying and depending on the type and percentage of the binder. Studii cerc energet 11 no.4:675-686 [6].

1. Membru al Comitetului de redactie, "Studii si cercetari de energetica" (for Blum).

BLUM, I.; MISTOR, I.

Coking process and its relation to the physicochemical structure of the given coal. I. Studii cerc energet 11 no.4:687-699 '61.

1. Membru al Comitetului de redactie, "Studii si cercetari de energetica" (for Blum)

BLUM, I.; BIRCA+GALATEANU, D.; NISTOR, I.; ARCAN, L.

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BLUM, I.; BARCA, Fr.; CERNICA, E.

- Study of the briquetting conditions of Rumanian lignites. Bul Inst Politeh 25 no.4:43-54 Jl-Ag '63.
 - 1. Department of Combustibles and Organic Chemical Technology, Bucharest Polytechnic Institute.

BLUM, I.; BARCA, Fr.

Possibilities of using the bitumen resulting from the distillation of coking and semicoking tars in coal briquetting. Bul Inst Politch 25 no.5:67-80 S-0 '63.

1. Department of Combustibles and Organic Chemical Technology, Bucharest Polytechnic Institute.

BLUM, Jan, mgr.

On approximate calculations. Gosp wodna 22 no.7:330 J1 '62.

BLUM, L; PLATKOWSKI, T.

Specific technological processes of coal in Rumania. p. 275. (ENERGETICA. Vol 5, No. 6, June 1957, Rumania)

SO: Monthly List of East European Accessions (EEAL) IC. Vol. 6, No. 12, Dec. 1957 Uncl.

BLUM, L; ROZENBERG, M.

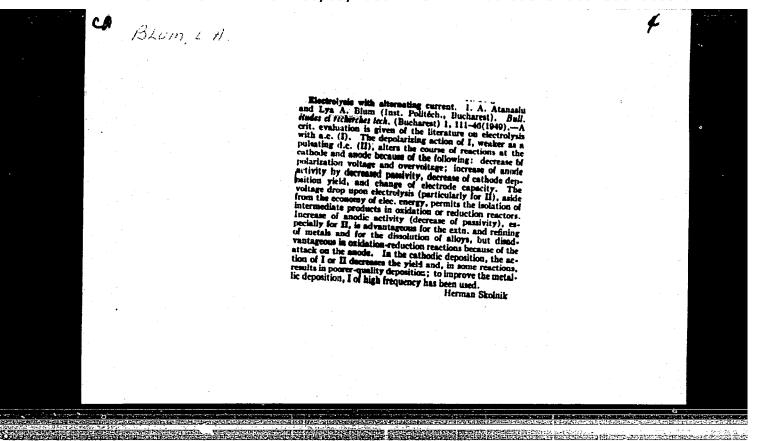
Analysis of way of technical utilization of woody brown coal in Rumania. p.279. (ENERGETICA. Vol. 5, no. 6., June 1957, Rumanis)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 12, Dec. 1957 Uncl.

BLUM, L.; NISTOR, I.; STEFANESCU, F.; TAZLAUANU, V.

Coke briquette from the nonagglutinant or poorly agglutinant coals obtained by thermochemical treatment. VI. Studii cerc energet B 12 no.2:245-253 162.

1. Membru al Comitetului de redactie, "Studii si cercetari de energetica, Seria B: Termoenergetica si utilizarea energetica a combustibililor" (for Blum).



BLUM, L. A

SCIENCE

Periodicals: REVISTA DE CHIMIE. Vol. 9, no. 9, Sept. 1958

BLUM, L. Influence of ultrasonic waves on electrode processes. p. 546

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 2, February 1959, Unclass.

BLUM, L. A-

RUMANIA/Acoustics - Intrasonics.

Abs Jour : Ref Zhur Fizika, No 8, 1959, 18801

Author

: Blum, Lya

Inst

Title

: Effect of Ultrasound on the Process of Electrode

Formation

Orig Pub : Ref. chim., 1958, 9, No 10, 546-552

Abstract : No abstract.

Card 1/1

BLUM, M.; JANUSZEWICZ, I.; BRZOZOWSKA, M.

Isolating new types of Leuconostoc.

p. 304 Vol. 9, no. 7, July 1955 PRZEMYSL SPOZYWCZY Warszawa

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 5, no. 2 Feb. 1956

PLUMP M. RUMANIA/Human and Animal Physiology - Circulation.

V-4

Abs Jour

: Ref Thur - Biol., No 4, 1958, 18196

Author

: C.C. Dimitriu, N. Goldenberg, Ch. Creteanu, M. Blum,

I. Lungu end A. Danaita

Inst Title The Influence of Factors of the External Environment on the Mechanism by Which Hypertensive Disease is Produced

(A Study of 6040 Workers in Various Fields.)

Orig Pub

: Commun. Acad. RPR, 1957, 7, No 2, 261-265

Abstract

: A considerable number of individuals with increased arterial pressure were brought to light during the course of the investigation. In the first stage of hypertensive disease the single and fundamental symptom in many cases is an increase in arterial pressure. Mental work is an etiological factor in hypertensive disease more often than physical work; heavy physical work is more rarely an etiological factor than light physical work.

Card 1/2

GAVRILITA, Lorica; BLUM, Miriam; ONOFREI, T.; APOSTOL, A.

Considerations on the histochemical aspects of hepatic alkaline phosphatases in epidemic hapatitis. Stud. cercet. med. intern. 3 no.3:387-390 '62.

(HEPATITIS, INFECTIOUS chemistry) (PHOSPHATASES chemistry)
(LIVER chemistry)

÷	BLUM, M.	
	COLDERBERG, N. BUNANIA	
	Rumania	
	MD, Lecturer	
	Medical Clinic of the "C. I. Parhon" Hospital (Clinica Medicala a fipitalului "C. I. Parhon"), Iasi	
	Bucharest, Yiata Medicala, No 2, 15 Jan 63, pp 89-100.	
	"Present Aspects in Mephrology."	
	Co-authors	
	BLUM, M., MD, Medical Clinic of the "C. I. Parhon" Hospital, Iasi.	
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L		

Blum, M.

RUMMIA

COUNTING, N., Locturer, BUEL, M., ID.

Hodical Clinic at the "C. I. Perion" Hospital (Clinica Helicala a Opitalului FC. I. Parion"), Insi - (for all)

modernat, Vinte Modicale, No 2, 15 Jan 63, pp 89-100.

"Topical aspects in nephrology.

RUMANIA

GOLDENBERG, N., Lecturer; BLUM, M., MD.

Medical Clinic No IV, "C. I. Parhon" Hospital," Iasi
(Clinica a IV-a medicala, Spitalul "C.I. Parhon", Iasi)
- (for all)

Bucharest, Viata Medicala no 2, 15 Jan 63, pp 101-106

"Recent Findings and Aspects in the Therapy of Nephropathies."

GOLDENBERG, N., conf.; BLUM, M, dr.; OSTAP, B., dr.; ABABEI, V., dr.

Gastric and duodenal ulcer: are they 2 different diseases? Med. intern. 15 no.2:153-162 F '63.

1. Clinica medicala, Spitalul "C.I.Parhon", Iasi (director: conf. N. Goldenberg).

(STOMACH ULCER) (DUODENAL ULCER)

GOLDENBERG. N.; CASETTI, M.; BLUM, M.; DIMITRU, I.; COVIC, Maria; MARCULESCU, Cristina; ABABEI, Viorica

Ionograms of normal and pathological gastric juice. Stud. cercet. med. intern. 5 no.5:513-525 '64.

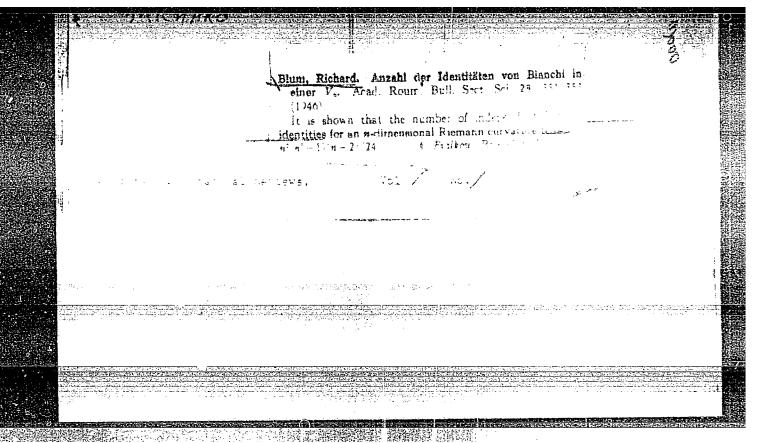
1. Clinica medicala, Spitalul "C.I. Parhon" (for Goldenberg, Gasetti, Blum, Dimitriu, Covic). 2. Laboratorul de biochimie, Spitalul "C.I. Parhon" (for Marculescu, Ababei).

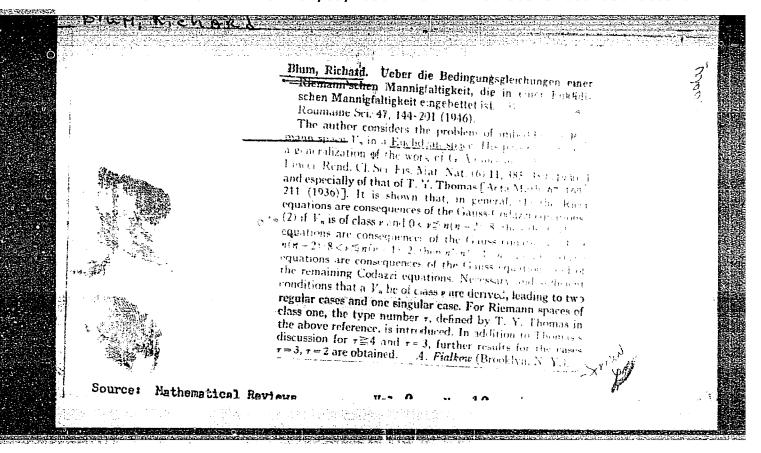
ALEXANDRU, M., ing.; ELUM, R.; DICEA, O., geolog; TRIMBITAS, I., ing.

Considerations on the seismic prospecting works in platform zones. Petrol si gaze 14 no.6:273-290 Je*63

KLANG, A., ing.; BLUM, R.

Studies on models in seismic prospecting. Petrol si gaze 12 no.6: 241-246 Je '61.





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- R/007/60/011/010/001/003 A125/A026

3.9300

Blum, R., Klang, Al., and Salisteanu, D., Engineers

TITLE:

AUTHORS:

On the Use of the t_{OX} Lines in the Reflected-Wave Method

PERIODICAL: Petrol si Gaze, 1960, Vol. 11, No. 10, pp. 445-448

TEXT: Seismometry is a geophysical method, widely used because of its advantages, but it still has to be improved to meet the requirements of most modern problems. N.N. Puzyriov recommends the use of \triangle to lines in the method of reflected waves (Ref. 1). The authors recommend in subject article a variant of this method, in which the variation of the sound reflexion time t_{ox} in function of the distance from the shooting point may be calculated more simply and directly with the aid of the observation time, without the construction of a normal hodograph becoming necessary. The t_{ox} lines have the same properties and advantages as the \triangle to lines. In case the medium above the reflecting horizon is characterized by the V_{mto} average speed, according to Figure 1 the h_{x} normal line is expressed by Equation (1). Starting with this equation, the authors deduce the expression for

 $t_{ox} = \frac{t^2 - v^2}{t_o}$ (3),

Card 1/3

86934 R/007/60/011/010/001/003 A125/A026

On the Use of the tox Lines in the Reflected-Wave Method

which is adequate for the uphill and downhill cases. According to the theorem of Pythagoras, this formula can be transposed in a graph (Fig. 2), which simplifies the calculation of the $t_{\rm OX}$ times. The $t_{\rm OX}$ line can be obtained also by a graphical construction. Reference is made to this construction. It is recommended, however, to verify the graphical construction of the $t_{\rm OX}$ line by some points calculated by the Equation (3). The coordinates of the intersecting point F of the $t_{\rm OX}$ line with its hodograph can be computed by the Equation (6). The use of the $t_{\rm OX}$ line in the correlation phase allows the determination of the correctness of the correlation along the profile and an analysis of the speed error. If the calculated speed is erronous, one will obtain not one $t_{\rm OX}$ line common to the two hodographs, but two separate parallel lines (Fig. 4). The relation error of the

V speed can finally be obtained from the Equation (8). The $t_{\rm OX}$ lines can be used for a check of the correctness of the reflection correlation; in case of reciprocal hodographs, the computed $t_{\rm OX}$ line has to coincide with the graphically constructed $t_{\rm OX}$ line; the speed error can be established as described; the influence of the small speed zone has to present itself uniformly on all $t_{\rm OX}$

Card 2/3

86934

R/007/60/011/010/001/003 A125/A026

On the Use of the t_{ox} Lines in the Reflected-Wave Method

lines of the same device. The construction of the reflecting horizons is simplified by the tox lines, which also allow the appreciation of the correctness of the approximation of the seismic medium. There are 4 figures and 1 Soviet refer-

SUBMITTED: July 9, 1960

Card 3/3

programme to

ALEXANDRU, M., ing.; BLUM, R., ing.; DOICIN, D., ing.

Considerations of the study of the superficial zone in seiscometric prospecting. Petrol si gaze 14 no.1:1-9 Ja 163.

ALEXANDRU, M., ing.; BLUM, R., ing.; DOICIN, D., ing.

Use of nonlongitudinal profiles for continuous correlation in seismic prospecting. Petrol si gaze 14 no.3:113-118 Ja 163.

BLUMS, V.Zh.; DUBINSKIY, M.B., kand. med. nauk

Desmoid tumors of the abdominal wall. Khirurgiia 40 no.12: 118-120 D '64. (MIRA 18:3)

l. Kafedra gospital'noy khirurgii (zav.- prof. A.F. Lepukaln) Rizhskogo med'tsinskogo instituta na baze l-y Rizhskoy gorodskoy klinicheskoy bol'nitsy (glavnyy vrach K.F. Bergman) i patologoanatomicheskogo otdeleniya bol'nitsy (zav. V.Zh. Blums).

R/003/62/013/008/001/002 D272/D308

AUTHOR:

Atanasiu, I., Blum-Lazar, L. and Constantinescu, M.

TITLE:

The corrosion of iron and its alloys in alkaline oxidizing media. II. Protection by corrosion inhibi-

tors in NaOCl solutions

PERIODICAL:

Revista de chimie, v. 13, no. 8, 1962, 452-457

TEXT:

A continuation of earlier work concerned with the corrosion of simple - OL 38 and OL 00 - and stainless steels - RA1, SNT1, SUM, and SNL3 - in alkaline NaOCl solutions. Four inorganic (Na3PO4, NaOH, Na2CO3, and NaClO3) and six organic inhibitors (sulfonated fatty alcohols, sodium alkyl aryl sulfonate, a mixture of the two, sodium dibutyl naphtalene sulfonate, sodium dodecyl benzene sulfonate, and degraded proteins) were examined, at concentrations of 0.01, 0.1, 0.5, 1, and 1.5% each. The most aggressive trations of 0.01, 0.1, 0.5, 1 and 1.5% each. The most aggressive medium established in the earlier study was used, i.e. a NaOCl solumedium established in the earlier study as used, i.e. a NaOCl solumedium established in the earlier study was used, i.e. a NaOCl solumedium established in the earlier study was used, i.e. a NaOCl solumedium established in the earlier study was used, i.e. a NaOCl solumedium established in the earlier study was used, i.e. a NaOCl solumedium established in the earlier study was used, i.e. a NaOCl solumedium established in the earlier study was used, i.e. a NaOCl solumedium established in the earlier study was used, i.e. a NaOCl solumedium established in the earlier study was used, i.e. a NaOCl solumedium established in the earlier study was used, i.e. a NaOCl solumedium established in the earlier study was used, i.e. a NaOCl solumedium established in the earlier study was used, i.e. a NaOCl solumedium established in the earlier study was used, i.e. a NaOCl solumedium established in the earlier study was used, i.e. a NaOCl solumedium established in the earlier study was used, i.e. a NaOCl solumedium established in the earlier study was used, i.e. a NaOCl solumedium established in the earlier study was used was used when the earlier study was used was used when the earlier study was used when

The corrosion of iron ...

R/003/62/013/008/001/002 D272/D308

tion of NaOH which changes the pH of the solution - retarded the corrosion process only very slightly. The organic detergents were good inhibitors - especially the sulfonated fatty alcohols, the sodium alkyl sulfonate, and the mixture of the two; the optimal quantity of inhibitor was 1-1.5% and this concentration had no detrimentary effect on the solution properties. From the practical viewpoint, steel RA1 behaved best, and steels OL 38 and OL 00 evidenced a similar resistance to corrosion in the presence of the inhibitors. The corrosion process of followed cathodic control both in the absence or presence of the inhibitor; in the presence of the inhibitor the cathodic polarization decreases, but still remains preponderant. There are 4 figures and 3 tables.

ASSOCIATION:

Laboratorul de electrochimie, Institutul politechnic-București (Electrochemical Laboratory, Bucarest Polytechnical Institute)

Card 2/2

BLUMA, L. K.

BLUMA, L. K.: "Experimental investigations of the elastic properties of concrete following repeated freezing." Min Higher Education USSR.

Latvian Agricultural Academy. Riga, 1956. (Dissertation for the Degree of Candidate in Technical Science.)

Knizhnaya Letopis' No 32, 1956. Moscow.

BLUMBERG, F.M.

EXCERPTA MEDICA Sec.4 Vol.11/4 Mcd.Microb. etc. April58

839. LABORATORY DIAGNOSIS OF SCARLET FEVER. II. PRECIPITIN REACTION OF URINE AND THROAT WASHINGS TO CONVALESCENT SCARLET
FEVER SERUM AS A METHOD OF EARLY DIAGNOSIS OF SCARLET
FEVER (Russian text) - Khaskina - Munder G. N. and Blumberg
F. M. - NAUCH. TRUD. MOSK. INST. VAKT. SYVOR. 1956, 6 (151-155)

Sera from convalescent patients (26th to 40th day of illness) were used as antibody
for the precipitin reaction. The antigen was determined in throat washings and
urine of patients on the 2nd to 8th day of illness and after the 8th day. It was found
that the precipitin agent (scarlet fever antigen) appeared in the urine and throat
washings during the first few days of illness, reaching maximum concentration on
the 4th-5th day; later on it was more frequently found in urine than in throat washings. The urinary precipitin reaction was also positive in diseases other than
scarlet fever but not as frequently (in 14% of cases; in scarlet fever in 51.7%). In
blurred and mild forms of scarlet fever antigen in the urinary precipitin reaction
is found in 50-51% of patients, whilst in moderately severe forms it is found in
60.8% and the reaction is more pronounced in the latter case. Specific precipitin
agent was found in the urine and throat washings of patients in whom the diagnosis
of scarlet fever had been rejected; it was also detected in 'carriers' of haemoly(S)

BLUMBERG, J.

GZEGI.OSLOVAKIA

Czechoslovakia

Tuberculosis Section KUNZ (Tuberkulozni oddeleni KUNZ Praha-Veleslavin), Prague-Veleslavin; Director: F. POLANSKY, Doc. Dr.

Prague, Rozhledy v Tuberkulose a v Nemocech Plicnich, No 8, Sep 62, pp 561-569.

"Bronchial Fistula Complicating Pulmonary Resection for Tuberculosis".

Co-authors:

RLUMBERG, J., Tuberculosis Institute(Tuberkulozni lecebna v Jevicku), Jevicek; Director: M. DVORAK, MD; FURY, L., Tuberculosis Institute (Tuberkulozni lecebna v Pasece), Paseka; Director: V. RACLAVSKY, Doc. Dr.

(4)

~	BLUMBERG, J. KROPAOKK; J.
	Ozechoslovakia
	Tuberculosia Section KUNZ (Tuberkulozni oddeleni KUNZ Praha- Veleslavin), Prague-Veleslavin; Director: F. POLANSKY, Doc. Dr.
	Prague, Rozhledy v Tuberkulose a v Nemocech Plicnich, No 8, Sep 62, pp 561-569.
	"Bronchial Fistula Complicating Pulmonary Resection for Tuberculosis".
	Co-authors:
	HIUMBERG, J., Tuberculosis Institute(Tuberkulozni lecebna v Jevicku), Jevicek; Director: M. DVORAK, MD; FURY, L., Tubercu- losis Institute (Tuberkulozni lecebna v Pasece); Paseka; Director: V. RACLAVSKY, Doc. Dr.
	(4)

BLUMBERG, M. [Blumberga, M.]; BASS-SHADKHAN, Kh.

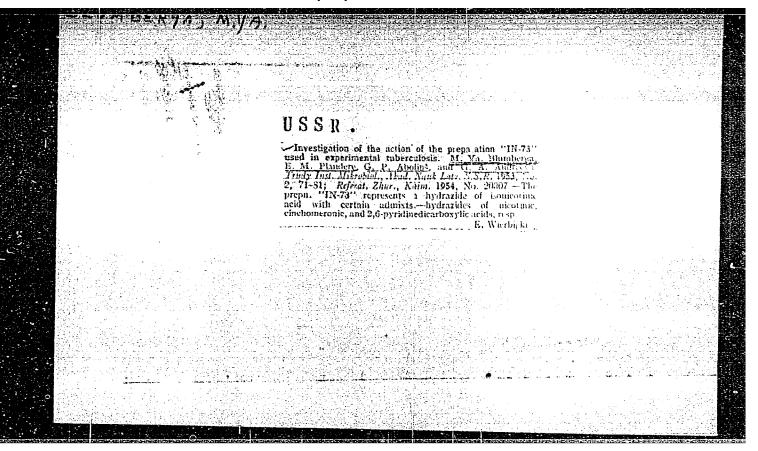
Influence of certain trace elements on the quantity and quality of zymosan forming in yeast. Report 2: Serological and biological assay of different zymosan samples obtained from yeast enriched with trace elements of copper, cobalt and manganese. Vestis Latv ak no.2:95-98 162.

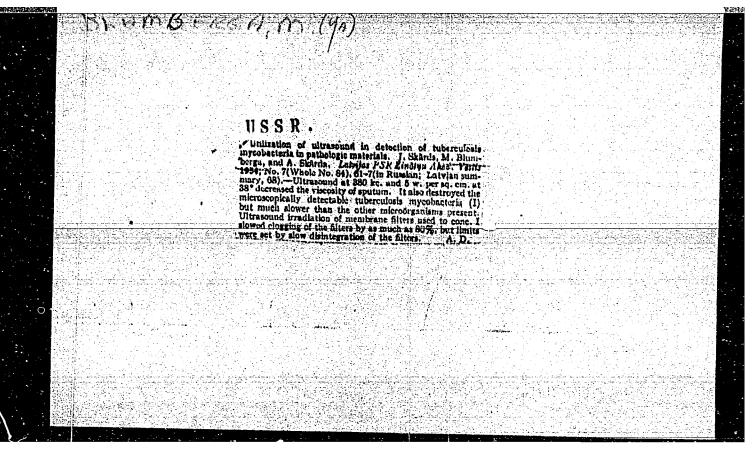
1. Institut eksperimental*noy i klinicheskoy meditsiny AN Latviyskoy SSR.

BLUMBERG, M. Ya.

BLUMBERG, M. Ya. — "Variations in the Complementary Activity in Connection with the Comtent of Asorbic Acid and Protein Fractions in the Blood." Acad Sci Latvian SSR, Inst of Microbiology, 1953. In Latvian (Dissertation for the Degree of Candidate of Biological Sciences)

SO: <u>Izvestiva Ak. Nauk Latvivskov SSR</u>, No. 9, Sept., 1955





BERZ IN', V.K.; BLUMBERG, M.Ya.

Method for setting up and evaluating the opsonocylophagic reaction. Zhur.mikrobiol.epid. i immun. no.1:124-130 Ja '58. (MIRA 11:4)

1. Iz kafedry mikrobiologii Rizhskogo meditsinskogo instituta.
(PHAGOCYTOSIS,
opsonic-phagocytic reaction (Rus)

USSR/Human and Animal Physiology (Normal and Pathological) Nervous System. Metabolism.

Abs Jour

: Ref Zhur Biol., No 6, 1959, 27012

Author

Blumberg, M.Ya.

Inst

: Institute of Microbiology, Academy of Sciences Latvian

Title

: Change of Asorbic Acid Content in Liquid in the Period

of Treatment in Tuberculous Meningitis.

Orig Pub : Tr. In-ta mikrobiol. AN LatSSR, 1958, vyp. 6, 37-41

Abstract : No abstract.

Card 1/1

BLUMBERG, Ye.A.; VASIL'YEV, V.I.; EMANUEL', N.M.

Effect of hydrocarbon additions on the concentration limits of flame spreading in gas mixtures containing hydrogen. Izv. AN SSSR. Otd. khim. nauk no.10:1172-1180 0 *57. (MIRA 11:3)

1.Institut khimicheskoy fiziki AN SSSR.
(Combustion) (Hydrocarbons) (Inhibition (Chemistry))

ir 31775-65 WT(n)/EPF(c)/EMP(j) Pc-4/Pr-4 RM

ACCESSION NR: AP4049323 Y/0002/64/0

Y/0002/64/000/010/0827/0829

AUTHOR: Blume, H.; Hattwig, M.; Strich, E.-R.; Bleinger, H.J.

TITLE: Ultra purification of gases using new catalysts

12

SOURCE: Kemija u industriji, no. 10, 1964, 827-829

TOPIC TAGS: gas purification, nickel catalyst, chromium catalyst, alumina catalyst, production, oxygen removal, carbon monoxide removal, carbon dioxide removal

ABSTRACT: The article reports on the progress in gas purification achieved by means of new catalysts at the East German enterprise Leuna Werke "Walter Ubricht" After a survey of earlier types of catalysts, results are tabulated showing: a the efficiency of the new Ni/Al₂O₂ catalyst in removing oxygen traces (as compared to the elicitation of gases during the synthesis of ammonia. Tests reported included the mechanical properties efficiency as a function of quantitative composition of the catalyst, efficiency as a function of the gaseous impurity concentration, and efficiency as a function of temperature. Original, has: I figure and 5 tables.

Cord 1/2

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	ACCESSION WIT: AP4049323	
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KRAL, V.; BLUMELOVA, J.; SULA, J.

Separation of aromatic hydrocarbons by column chromatography on acetyl celluloge with regard to the detection and determination of 3,4-benzopyrene. Chem listy 58 no.12:1448-1451 D *164.

1. No.2. Institute of Medical Chemistry of the Faculty of General Medicine of Charles University, Frague.

BLUMENAU, I.

Contribution to the solution for our housing construction. p. 1128. Vol. 9, No. 8, 1954. TEHNIKA. Beograd, Yugoslavia.

SOURCE: East European Accessions List, (EEAL) Library of Congress, Vol. 5, No. 8, August, 1956.

BLUMENAU, I.

Housing construction; a brief systemization of the problem. p. 24. (Izgradnja, Vol. 11, No. 1, Jan. 1957, Reograd, Yugoslavia)

SO: Monthly List of East European Accessions (ERAL) Lc. Vol. 6, No. 8, Aug 1957. Uncl.

BLUMENAU, I.

Some words on hollow brick, p. 24. (Izgradaja, Vol. 11, No. 2, Feb. 1957, Beograd, Yugoslavia)

SO: Menthly List of East European Accessions (ERAL) Lo. Vol. 6, No. 8, Aug 1957. Uncl.

BLUMENCRON, W.; MANDL, K.

Experience with intravenous salicyl therapy. Prakt.Arst 4 no.37: 292-297 15 June 50. (CIML 19:4)

1. Of the Medical Clinic of Gras University.

BLUMENFELD, Gyula, dr.; GONDA, Modre, dr.

Unipolar extremital leads. Magy. belorv. arch. 7 no.5:149-151 Oct. 54.

1. A Budapesti Janos Korhas (igazgato-foorvos: Bakacs Tibor dr.) II. Belosztalyanak (foorvos: Fodor Imre dr.) kozlemenye. (ELECTROCARDIOGRAPHY leads, unipolar extremital)

BLUMENFEID, Gyula, dr.

Importance of permanent characteristics of increases ST wave. Orv. hetil. 96 no.13:356-357 37 Mar 55,

1. A Janos korhaz (igazgato: Bakacs Tibor dr.) II. Belesztalyanak (foorvos: Fodor Imre dr.) kozlemenye.

(EIECTROCARDIOGRAPHY,

ST wave)

HUTTITLD, BYTA RADO, Janos, dr.; BEUMENFELD, Gyula, dr.; Barath, Ference es dr. Szirom Istvanne technikai segedletevel. ACTH therapy in cardiac edema refractory to novurit. II. Role of tubular factors in hypochloruria and mercury resistance. Orv. hetil. 98 no.16:408-413 21 Apr 57. 1. A Budapest Fovarosi Tanacs Janos Korhas Rendelointeset (igasgato: Bakacs, Tibor, dr.) II. ss. Belosstalyanak (foorvos: Bencsath, Aladar, dr.) koslemenye. (CONGESTIVE HEART FAILURE, ther. ACTH in mercury sensitive & resistant cardiac edema, eff. on mechanism of urinary chloride exerction (Hun)) (ACTH, ther. use cardiac edema sensitive & resistant to mercury ther., eff. on mechanism of urinary chloride excretion (Hun)) (DIURETICS, MERCURIAL, ther. use cardiac edema, eff. of ACTH in sensitive & resistant cases & mechanism of urinary chloride excretion (Hun))

RADO, Janos, dr.; BLUHENFELD, Gyula, dr.; HAMMER, Sarolta, dr.

Prednisone therapy of novurite-induced refractory cardiac edem. III. Significance of tubular mechanisms in the reversal of mercurial sensitivity. Magy.belorv.arch. 12 no.6:183-188 D 159.

1. A Janos Korhaz-Rendelointeset (igasgato foorvos: Tako Jossef dr.)
Izotop V. Belosztalyanak (foorvos: Tako Jossef dr.), II. sz.
Belosztalyanak (foorvos: Goth Endre dr.) es Kozponti Laboratoriumanak (foorvos: Hammer Sarolta dr.) kozlemenye.

(FREDNISONE pharmacol)

(HRART FAILURE CONGESTIVE exper)

GOTH, Endre, dr.; BLUMENFELD, Gyula, dr.

Hyperlipemia and diabeteid metabolic disorders. Orv. hetil. 105 no.38:1786-1790 20 5'64

1. Budapesti Janos-korhar, II. Beloustaly (foorcess Goth, Endre, dr.)

	BLUMEN'F	L. A.							
	"Polar i	States in Pol	ynucleotides						
***	report submit	tted for the B	Symposium on ar 1963.	Quantum	Aspects o	f Polypep	tides an	d Polyn	uclectides

SHAROYAN, E.G.; TIKHOMIROV, N.N.; BLYUMENFEL'D, L.A.

Nature of paramagnetic centers in magnesium phthalocyanide molecular crystals. Zhur. strukt. khim. 5 no.5:697-701 S-0 '64 (MIRA 18:1)

1. Institut khimicheskoy fiziki AN SSSR.

BLUMENFELD, M.

Generalized relations of the recurrence method of three unknowns for the study of elastic systems. Studii cerc mec apl 14 no.31 715-726 '63.

1. Institutul politehnic, Bucuresti.

BLUMENFELD, M.

BLUMENFELD, H.; CONSTANTINESCU, A.

Suggestion regarding standardization of test pieces in assaying fatigue of metals. p.3. Vol. 7, no. 9, Sept. 1955. STANDARDIZAREA. Burcuresti.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, No. 2, Feb. 1956.

ELUMENFELD, M.

New methods for examination of materials and manufactured items. p. 80.

METALURGIA SI CONSTRUCTIA DE MASINI

Vol. 8, no. 1, Jan. 1956

Rumania

Source: EAST EUROPEAN LISTS Vol. 5, no. 10 0 t. 1956

R/008/63/000/001/002/006 A065/A126

AUTHOR:

Blumenfeld, M.

TITLE:

Calculation of rotating discs of variable thickness by the recurrence method of the three unknowns

PERIODICAL: Studii și cercetări de mecanică aplicată, no. 1, 1963, 71 - 81

TEXT: For solving the problem of rotating discs of variable thickness, many methods have been worked out which are all based on the division of the discs into rings of constant thickness. This division supplied good results requiring, however, a rather great number of rings, and thus a great number of calculations. The recurrence method described permits a quick solution of the problem by reducing the volume of calculations. The author first establishes the equations of the unitary radial forces or and the unitary circumferential forces or, located at a certain distance r from the rotating axis, the equations of the unitary circumferential forces at the internal and external side of the disc, as well as the relations between the unitary forces in the thickness variation points of the disc, where of and of, are the unitary forces at the R₁ radius

Card 1/2

Calculation of rotating discs of ...

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corresponding to the h_1 thickness, and σ_1 and σ_{t_1} are those corresponding to the h_{i+1} thickness. Considering now a disc of several thicknesses, the disc is divided into several rings of constant thickness. Two neighboring rings, i and i+1, are studied in which the unknown unitary radial forces are σ_{i+1} , σ_i and σ_{i-1} . Calculated is then the unitary force σ_{t_i} of the i ring at the R_i external radius as a function of σ_i and σ_{i-1} , and the unitary force σ_{t_i} of the i+1 ring at the R_i internal ring as a function of σ_i and σ_{i+1} . Based on the relation between the unitary forces σ_{i+1} and σ_{i+1} , one obtains a recurrence relation between the unitary forces σ_{i+1} , σ_i and σ_{i-1} . The author finally establishes the conditions at the extremities and gives a calculation example. There are 5 figures and 3 tables.

ASSOCIATION: Institutul politehnic (Polytechnical Institute) Bucharest

SUBMITTED: June 25, 1962

Card 2/2

: RUMANIA Country : Chemical Tochnology. Chemical Products (Part 4). Category Dyeing and Chemical Treatment of Textile Mate-Abs. Jour. : Ref Zhur-Khim, 1959, No 7, 25869 : Vinea, E.; Blumenfeld, N.; Pridie, A.; Arvay, E. Author Institut. : Finish of Fabrics and Knitted Fabrics Made from Title 100% Synthetic Polyanide Yarn : II-a Consf. tehn .- stiint. a ind. usoare. Textile Orig Pub. (Bucuresti), ASIT, 1957, 296-301 : For articles made of synthetic polyamide fibers, Abstract the following stages are recommended for the processes of finishing: for fabrics - sorting, stabilizing, scouring, bleaching, dyeing; for knitted fabrics - sorting, doubling, scouring, dyeing, stabilizing. Practically, the stabilization is done before dyeing, in accordance with the possibilities established by the existing equipment and a limited assortment of dyes, color-fast in thermic treatment. For dyeing, dis-1/2 Card:

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BIUMENFELD, Teodor, ing.

Twelfth World Road Congress, Rome, 1964. Rev transport 12 no.1: 1-6 Ja 165.

BLUMENFELD, TH.

TECHNOLOGY

PERIODICAL: REVISTA TRNASPORTURILOR, Vol. 5, no. 12, Dec. 1958

BLUMENFELD, TH, AND OTHERS. A grandiose plan of building communism. p. 530

Monthly List of East European Accessions (EEAI) LC Vol. 8, no. 4
April 1959, Unclass

- 1. BLUMENFEL'D, YE.
- 2. USSR (600)
- 4. Dairy Cattle
- 7. 6390 kilograms of milk yearly from each cow. Dost. sel'khoz. no. 1, 1952

9. Monthly List of Russian Accessions, Library of Congress, January 1953, Unclassified.

DAUMIENSIOUN JOZEF

SWICZ, Stanislaw; BLUMENSTOCK, Jozef; LI-HE-JONG.

An uncommon complication of helminthiasis. Polski tygod.lek. 11 no.5:217-218 30 Jan 56.

1. Z II Kliniki Chirurgicznej A.M. w Hambynie; kierownik: dr med. St.Swica; z-ca kierownika: dr med. Li He Jong. Gdansk-Wrzeszcz, Klinika Chirurgiczna.

(HELMINTH INFECTIONS, compl. peritonitis, biliary)
(PERITONITIS

biliary, caused by helminth infect.)

BLUMENSTOCK, J.
POLAND/General Problems of Pathology - Tumors.

T-5

Abs Jour

: Ref Zhur - Biol., No 1, 1958, 3281

Author

: Swica, S., Blumenstock, J., Czechowska, Z., Lihe Jonk

Inst Title

: A Giant Adenoma of the Right Lobe of the Liver.

Orig Pub

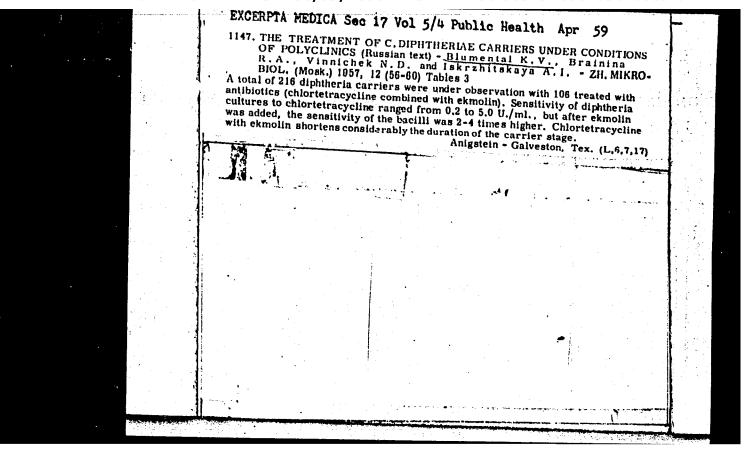
: Polski tygod. lekar., 1957, 12, No 10, 361-364

Abstract

: This is a description of a case of a giant adenoma of the right lobe of the liver with concomitant paroxysmal hypertension. Following the removal of the lobe the blood

pressure was decreased.

Card 1/1



NICOLAU, Gh.St., academician; BLUMENTHAL, M.,; FRLINER, M.,; PALA, G.,; Ignatescu, M.,; DANIIA, P.

Preliminary studies of the therapeutic use in dermatology of drugs affecting the central nervous system. Probl. ter., Bucur. Vol 1:7-15 1954.

(MAGNESIUM SULFATE, ther. use skin dis., mechanism of action) (CENTRAL NERVOUS SYSTEM, eff. of drugs on magnesium sulfate in ther. of skin dis.) (SKIN, dis. ther., magnesium sulfate)

NICOLAU, Oh.St., academician.; BLUMENTHAL, M.,; FRIJNER, M.,; SAGER, O.

Role of the central nervous system (cortex-sub-cortex complex) and of the connecting peripheral nerve pathways in trophicity of the skin. Bul stiint., sect. med. 7 no.4:1263-1280 Oct-Dec 55.

1. Institutul de terapeutica, Sectia de dermatologi se Colectivul de neurologie al Academiei R.P.R. de la Spitalul clinic de adulti Colentina. Membru Gorespondent Al Academiei R.P.R. V. Cirnu, for Sager. (SKIN, physiology

trophicity, role of CNS & connecting peripheral nerve pathways)

(CHNTRAL NERVOUS SYSTEM, physiology role in trophicity of skin) (NERVES, PERIPHERAL, physiology role in trophicity of skin)

BLUMENTHAL, M.

RUMANIA/Pharmacology, Toxicology. Analeptics

003

Abs Jour : Ref Zhur - Biol., No 4, 1958, No 17564

Author

: Blumenthal M., Fellner M., Belush L., Georghiu I.

Inst

: Not Given

Title

: The Treatment with Sodium Bromide and Caffeine of Some Der-

matosis, Accompanied by Itching

Orig Pub: Probl.terap., 1957, 6, 67-76

Abstract : Thirty two patients, afflicted with dermatosis (type of eczema), accompanied by itching, received daily for 2-3 weeks subcutaneously caffeine in 0.02-0.03 g doses. As a result of the treatment there was a decrease in itching in the patients. The treatment had little effect on skin injuries. When 39 patients received only NaBr (1-2 intravenous injections of 10 ml of a 10% solution daily for 2-3 weeks) 50 patients were completely cured, in addition to a decrease in itching. 61 patients obtained the best effect when caffeine and NaBr were administered simultaneously. Only 14 patients were not cured.

Card : 1/1

BLUMENTHAL, M.; FELLNER, M.; ILLESCU, R.; GHEOROHIU, I. in collaborare cu B. Facon

Skin reactivity to certain external stimuli in patients of diseases of the nervous system (cerebral and medullary levels). Probl. ter., Bucur. no.7:29-39 1957.

1. Institutul de terapeutica al Academiei R.P.R., Sectia de dermatovenerologie, Spitalul Golentina.

(BRAIN, diseases

diag., skin reactivity to acetic acid, formic acid & morphine)

(SPINAL CORD, diseases

same)

(SK IN

reactivity to acetic acid, formic acid & morphine, in dis. of brain & spinal cord, diag. & progn. value)

BLUMENTHAL, M.; FELINER, M.; ILIESCU, R.

Comparative reactivity of the skin to various external stimuli in normal subjects and patients of pruriginous diseases. Probl. ter., Bucur. 8:31-36 1957.

(SKIN DISPASTS

pruriginous disorders, skin reactivity to application of formic acid & inject. of morphine)

BLUMENTRITT, V., ins.

Activities of the Czechoslovak Scientific Technological Society in the Association of Technical Glass Enterprises. Sklar a keramik 13 no.8:223 Ag '63.

BERCOVICI, S., dr.; ICACHIM, A., dr.; BLUMER, A., dr.

Esophago-bronchial fistula of broncholithiasic origin. Med. intern. (Bucur.) 16 no.11:1391-1396 N 154

1. Encrare efectuata in sectia medicala a Spitalului "Bucur".

PAGAVA, S. T., ARISTOV, N. A., BLUMINA, L. I., ZAKAROVA, N. M. and SEVALKINA, N. A.

"Influence of the Northern Atlantic on the Development of the Synoptical Process." Published by the Hydrometeorology Publishing House, Moscow, 1958.

HLUMKIN, G. V.; KRITSKIY, YE. L.; LOKONOV, M. F. NIKOLSKIY, N. K.; ROZHKOV, K. V.

" Some aspects of automation in ore concentration plants. "

paper to be presented at the Sixth International Mineral Processing Congress, Cannes, France, 26 May - 2 Jun 63

BLUMKIN, G. V. (res sci); KRITSKIY, Ye. L. (res sci); LOKONOV, M. F. (lab hd); NIKOLSKIY, N. K. (res sci); ROZHKOV, K. V. (res sci)

"Some aspects of automation in ore concentration plants."

report submitted for 6th Intl Mineral Processing Cong, Cannes, 26 May-2 Jun 63.

Mekhanobr Inst, Leningrad.

BLUML, Antonin; TACL, Alexandr; RUS, Vratislav

Occurrence of selenium minerals in the southwest section of the Sedlcany-Krasna Hora metamorphosed island. Cas min geol 9 no. 1: 73 '64.

1. Rudne doly, n.p., Pribram (for Bluml and Tacl). 2. Geologicky pruzkum, n.p., Pribram (for Rus).

CZECHOSLOVAKIA

BLUML, A; TACL, A; RUS, V.

1. Ore Minings (Rudne doly), Pribram (for Bluml and Tacl); 2. Geological Institute (Geologicky pruzkum), Pribram (for Rus)

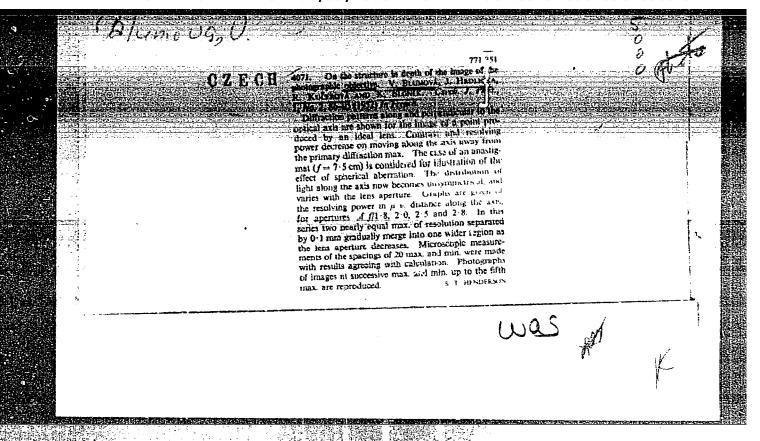
Prague, Casopis pro mineralogii a geologii, No 1, 1964, pr 73-

"The Occurrence of Selenium Minerals in the Southwestern Part of the Sedlcany-Krasna Hora Metamorphic 'Island'."

CZECHOSLOVAKIA

BLUML, A; TACL, A; NOVAK, F.

- 1. Geochemical Laboratory RD (Geochemicka laborator RD),
 Pribram (for Bluml and Tacl); 2. Institute of Raw Materials
 (Ustav nerostnych surovin), Kutna Hora (for Novak)
- Prague, Casopis pro mineralogii a geologii, No 1, 1965, pp
- "The Occurrence of Cassiterite in the Shevchin Artery of the Brezohorsky Mining Region."



BIUNOVA, V.

"Resolving Power of the System 'Objective Lense - Emulsion.'" (In French). By

V. Blumova and J. Hrdlicka.

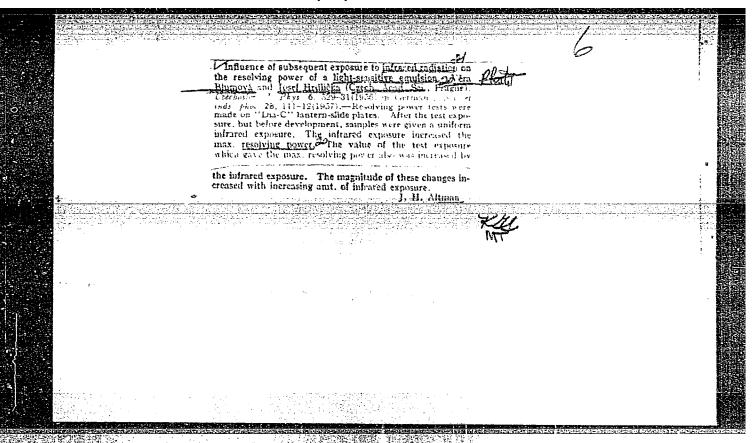
SO: CZECHOSLOVAK JOURNAL OF PHYSICS, Vol. 4, No. 1, Feb., 1954.

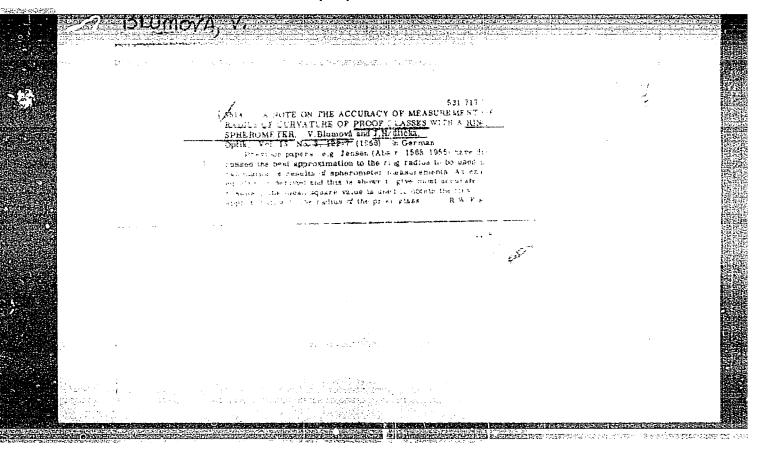
BLUMOVA, V.; HRDLICKA, J.

Blumova, V.; Hrdlicka, J. Influence of spherical aberration of the objective on the structure and the limit of the resolution. p.27.

Vol. 65, no. 9, 1955 ROZPRAVY. RADA MATEMATICKO-PRIRODOVEDECKA Praha, Czechoslovakia

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 2 February, 1956





BLUMOVA VERA

CZECHOSLOVAKIA/Optics - Optical Technology

K-4

Abs Jour: Ref Zhur - Fizika, No 3, 1958, No 6875

Author

: Blumova Vera, Hrdlicka Josef

Inst

: Not Given

Title

: Critical Relative Aperture of a Photographic Objective

Having Spherical Aberration

Orig Pub: Ceskosl. casop. fys., 1957, 7, No 1, 87-89

Abstract : See Referat Zhur Fizika, 1957, No 12, 31376

Card : 1/1

BLUMOVA, V.

CZECHOSLOVAKIA/Optics - Optical Technology

K=4

Abs Jour : Rof Zhur - Fizika, No 10, 1958, No 23818

Author Inst

Title

Bluriova V.

: Laboratory for Optics, Czochoslovak Academy of Sciences,

Preguo, Czochoslovekia

: Determination of Small Wave Aberrations of Lenses with the

Aid of the Twymen Interferemeter.

Orig Pub : Jomma nech. a opt., 1958, 3, No 1, 24-26

Abstract : Description of a procedure for neasuring the wave aborrations in that case, when the number of interfering fringes in the field of view of very smell. By rotating a plain mirror one obtains the desirable increase in the number of fringes, whose curvature makes it possible to determine the aberrations.

: 1/1 Card

50

AUTHOR: Blumová, Věra CZ/37-58-5-5/19

TITLE: The Dependence of the Resolving Power of the System
"Lens - Photographic Emulsion" on the Relative Aperture
of the Lens (Zavislost rozlišovací schopnosti soustavy
"objektiv - fotografická emulse" na relativním otvoru
objektivu)

PERIODICAL: Československý Časopis pro Fysiku, 1958, Nr 5, pp 545-553 (Czech)

ABSTRACT: In spite of the many old and recent papers published on this subject, several of which are listed in the present paper, the author considers the problem not entirely solved. The test used for measuring the resolving power in this work was a line-test. In Fig.1 the contrast $k=E_1-E_2/E_1$ of the image of a periodic line pattern, as imaged by an ideal lens, is plotted against $4\lambda c \ S/\pi$. E_1 is the brightness of the image at the centre of a bright line and E_2 the brightness at the centre of a dark line, S is the number of lines per mm in the image of the test chart, c is the stop-number of the lens and λ the wavelength of the light used. The plot in Fig.1 is taken Card 1/5 from Ref.12, which is based on Ref.13. The contrast of

The Dependence of the Resolving Power of the System "Lens - Photographic Emulsion" on the Relative Aperture of the Lens

the image of a line-test, as imaged by an ideal lens, reaches zero if $S=1/\lambda c$. Also in Fig.1 is plotted a "curve of minimum contrast" of a photographic emulsion; this is the minimum contrast needed to resolve the individual lines of the test imaged the emulsion. The intersection of the two curves is the limit of resolution of the system "lens - emulsion". The author and J. Hrdlicka have in previous work (Ref 14) studied the relation between the resolving power of an emulsion and the contrast of a test. On the assumption that lines in the image can be resolved if the contrast is greater than k_{lim} and k_{lim} is small, an approximate relation:

$$S_{e} = S_{el} \sqrt{\frac{k}{2-k}}$$
 (3)

for the resolving power of the emulsion was obtained. $S_{\rm el}$ is the maximum resolution of the emulsion for k=1 and is a characteristic constant of the emulsion. Eq.(3) Card 2/5 was found in better agreement with experiment than

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The Dependence of the Resolving Power of the System "Lens - Photographic Emulsion" on the Relative Aperture of the Lens

previously used linear equations. Fig.2 shows the dependence of the resolving power of the system "emulsionideal lens" as a function of the relative aperture of the lens. The figure shows that the resolving power of this system only increases with increasing relative aperture up to a limit. Similar measurements have been reported by Marquet (Ref 6). On the other hand, other published work (Ref 9) shows that more refined measurements are needed. The deviations from physically ideal behaviour of a lens influence the resolving power. Five different lenses were interferometrically tested, using the diffraction theory of aberrations. The lenses were tested by a method previously described by the author (Ref 20). The aberrations were expressed in wavelengths (the test-light was $\lambda = 539.1 \text{ mµ}$) and were measured in the plane in which, at full aperture, the deviation of the spherical wavefront from a sphere was a minimum. The aberrations amounted to almost one wavelength for lens No.1 and to 0.1 wavelengths for the best lens

C2/37-58-5-5/19

The Dependence of the Resolving Power of the System "Lens -Photographic Emulsion" on the Relative Aperture of the Lens

> emulsion" was measured by a star-test for each of the five lenses with two different emulsions: "Agfa Autolith" and "Foma Super Panchro". The results are shown in Figs. 6 and 7. For small apertures, the resolving powers followed the theoretical curves. From a certain relative aperture, the resolving powers of these systems deviated from the "ideal lens-emulsion" systems. A not very pronounced optimum relative aperture was found, which incidentally is smaller than that at which the aberration of the lens decreased below $\lambda/4$ (see Table 1). This value was previously thought to be small enough to be negligible. As a criterion for the quality of the image, the author used the Strehl definition (Refs 21,22). From this condition "quality numbers" (A) for the lenses were derived by an equation given in this paper, for each relative aperture. These "quality numbers" are plotted in Figs. 8 and 9 as functions of the position of the image-plane. It was found more

convenient, however, to use A/c as a measure of the Card 4/5 quality of the lenses (Refs 23, 2). Figs. 11 and 12

CZ/37-58-5-5/19

The Dependence of the Resolving Power of the System "Lens - Photographic Emulsion" on the Relative Aperture of the Lens

show the plots of resolving power of the systems "lens - emulsion" as well as the plots of the quality of the image for the same lenses. The relative aperture at which the resolving power is maximum, coincides with that at which the quality of the image (A) is beginning to deviate from that of an ideal lens with the same relative aperture.

There are 13 figures, 1 table and 23 references, 9 of which are Czech, 2 Soviet, 9 English, 2 German, 1 Polish.

ASSOCIATION: Laborator optiky ČSAV, Praha (Optical Laboratory, Czechoslovak Ac.Sc., Prague)

SUBMITTED: March 6, 1958

Card 5/5

BILIMOVA; V.

SCOENCE

Periodicals: CESKOSLOVENSKY CASOPIS PRO FYSIKU Vol. 8, no. 4,1958

BLUMOVA, V. Dependence of the differentiation ablilty of the lens-photographic emulsion system on the relative lens aperture. p. 555.

Monthly List of East European Accession (EEAI) LC, Vol. 8, No. 5, May 1959, Unclass.

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